Plar Ch 1988 RESEARCH DISCLUSURE

28709 Using Multiple Contextual Data Repositories to Enhance Sesrching

search to a particular data repository which contains only certain search to a particular data repository which contains only certain documents. A common set of search commands are translated into the particular contextual search program's commands. Process parameters of each contextual search program's commands. The common set of commands are used to access one or all of the data repositories. The contextual data repository is often large and comprises many different categories of information. There are could be several different contextual data search applications that contextual data repository might use. Each one has its own date a contextual data repository might use. Each one has its own date a contextual data extraction as well as a sear specific request for contextual data extraction as well as a sear specific request for the method described enables the user to name, create and applications to allow a user to easten a smaller data repository with a greater likelihood of a match by limiting the acope of the described to use multiple contextual b to allow a user to search a smaller

translate the generic search strategy into the appointed formet of translate the generic search strategy into the apositic formet of the particular data repository. Each document can be searched by the particular data repository consisting of the entire test of with searching a data repository consisting of the entire test of document; rather, the user can organize the information for any data repositories and accessed quickly.

In data repositories and accessed quickly, specifican the advantage of this method is to shield the user from the advantage of this method is to shield the user from invokes the system and to optimize search time by organizing the information the user frequently searches into separate, default information the user frequently searches into separate, default search a data repository using a generic search atrategy. In addition, the system can be set up with one or more contextual data repositories per supported contextual data search application, a default contextual data repository and maintenence tion, a default contextual data repository and maintenence of support contextual data repository accation, maintenence and searching. The server repository creation, maintenence and searching. The server repository creation, maintenence and searching. The server repository creation existing documents and stores the data in a extracted fact from sepseible format for efficient searching. The data and sepseible format for efficient searching, in a contextual data searcher repository. In addition to the extracted data, the library repository. In addition to the extracted data, the library search also stores process parameters are employed to in a search contextual data search and a search contextual data cont

cata repository for the user. The unique user repositories allow the user to search more quickly than trying to search the entire system data repository. The documents can be not documents and the organization is designed to allow the maximum flexibility in organizing the data repositories

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Searching with Contextual Search Commands and Interchange Document Profile Information

author, subject and other descriptor information associated with described to use interchange document profile (it and keyword, to perform contextual data searches tories, IDP information comprises document name, A method is information

author, suppect and occuse descriptor incommends as translated each document. A common set of search commands as translated into the particular contextual search programs commands as translated defining the process parameters of each contextual search programs commands. The common set of commands are used to access grams a commands. The common set of commands are used to access prams to commands. The common set of commands are used to access one or all of the data repositorises where could be several different categories repository is often large and compresses and if ferent categories of information. There could be several different categories of information. There could be several different categories search abplications that a contextual data repository might use search a data repository using a generic search estrategy. In search a data repository using a generic search estrategy. In search a data repositories per supported contextual data repositories per supported contextual data contextual data repository contextual data repository contextual data repository creation, maintenance and search data freeze and search and served from existing documents and store; the data in a extracta data from existing documents and store; the data in a sextracta data from existing documents and store; the data free format for existing documents and store; the data free format for existing documents and store; the data free format for existing documents of contextual data search as a considered as an entry in a contextual data search asserver also stores process parameters for contextual data search asserver also stores process parameters for contextual data search ing as described above. These process parameters for contextual data separch expensively when any interpal and a repository. Each data repository capacitory. Each data group of the extracted data from existing documents of the extracted data in a search search strategy data from existing documents and expected data in a search and extracted data for extracted dat searched by name. IDP information or key word. This method avoids the overhead associated with searching a date repository consisting of the entire text of a document; rather, the user can organize the information for any document into different categories that can be stored in particular data repositories and

accessed quickly.

The advantage of this method is to allow the user to include The advantage of this generic search strategy and shield the IDP information in the generic search strategy and shield the user from specifying which dats repository to search time by the user invokes the system and to optimize search time by separate, default data repository for the unor. The unique user repository to be acarch more quickly than trying t search the entire system data repository. The documents can be new or existing documents and the organization is designed to allow the user the maximum flexibility in organizing the data organizing the information the user frequently searches into repositories for searching

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